Doc code :IDS Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (03-08)
Approved for use through 05/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) | | | | Applic | Application Number | | | | | | |
|--|------------|---|--------------------------------|---------------------|----------------------|---|-----------------------------------|--|---|---|----|
| | | | | Filing | Date | | | | | | |
| | | | | First N | First Named Inventor | | | | | | |
| | | | | Art Ur | Art Unit | | | | | | |
| | | | | Exam | Examiner Name | | | | | | |
| | | | | Attorn | Attorney Docket N | | | | | | |
| | | | | | | | _ | | | | |
| | | | | | | | | | | | |
| U.S.PATENTS | | | | | | | | | | | |
| Examiner Initial* | Cite No | Patent Number | Kind Code ¹ | Issue D | | | Patentee or Applicant Document | | Pages,Columns,Lines where Relevant Passages or Relevan Figures Appear | | |
| | | | | | | | | | | | |
| If you wis | h to ac | ld additional U.S. Pater | t citatio | n inform | ation pl | ease click t | the A | dd button. | | | |
| | | | U.S.P. | ATENT | APPLI | CATION P | UBLI | CATIONS | | | |
| Examiner Initial* | Cite No | Publication Number | Kind Code ¹ | Publication Date | | Name of Patentee or Applicant of cited Document | | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | | | |
| | | | | | | | | | | | |
| If you wish to add additional U.S. Published Application citation information please click the Add button. | | | | | | | | | | | |
| | | | | FOREI | SN PAT | ENT DOC | UME | NTS | | | |
| Examiner Initial* | Cite No | Foreign Document Number ³ | Country Code ² i | | Kind Code4 | Publicatio Date | n | Name of Patentee or Applicant of cited Document | | Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear | T5 |
| | | | | | | | | | | | |
| If you wish to add additional Foreign Patent Document citation information please click the Add button | | | | | | | | | | | |
| NON-PATENT LITERATURE DOCUMENTS | | | | | | | | | | | |
| Examiner Cite Initials* Cite Initials* Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | | | T 5 | | | |

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

| Application Number | |
|------------------------|--|
| Filing Date | |
| First Named Inventor | |
| Art Unit | |
| Examiner Name | |
| Attorney Docket Number | |

| 5 (5.5) | • | | |
|------------------------------------|-------------------------------------|--|--------|
| | | | |
| If you wish to add additional non- | patent literature document citation | n information please click the Add button | |
| | EXAMINER S | GNATURE | |
| Examiner Signature | | Date Considered | |
| | | is in conformance with MPEP 609. Draw line thr | ough a |

See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ** Applicant is to place a check mark here if English language translation is attached.**